

**APPRENTICE RECORD  
HEP OPERATOR  
RELATED TRAINING**

**BEGINNING W/GROUP #XXXV**

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SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Water Treatment	Water Treatment Plant Operations, 3rd Edition Volume 1 - 1992, Kenneth D. Kerri, Project Director	Chapter 1: 2 Study Hours Request and complete Handout Exam.	Cha. 1		
		Chapter 2: 2 Study Hours Request and complete Handout Exam.	Cha. 2		
		Chapter 3: 2 Study Hours Request and complete Handout Exam.	Cha. 3		
2. Project Operations Control	Dynamics of Interconnected Power Systems-EPRI	Chapter 3: 2 Study Hours Request and complete Handout Exam.	Cha. 3		
<b>3. Project Operations Control - WECC</b>	<b>Instructor's Materials</b>	<b>Classroom attendance at POC - 40 Hours Class #25 - WECC / Regulatory Structure Class</b>	<b>Instructor Test</b>		
4. Water Storage	Design of Small Dams USBR, 3rd Edition - 1987	Chapter 4: 2 Study Hours Request and complete Handout Exam.	Cha. 4		
		Chapter 5: 2 Study Hours Request and complete Handout Exam.	Cha. 5		
		Chapter 6: 2 Study Hours Request and complete Handout Exam.	Cha. 6		
		Chapter 7: 2 Study Hours Request and complete Handout Exam.	Cha. 7		
		Chapter 10: 2 Study Hours Request and complete Handout Exam.	Cha. 10		
5. Water Transportation	General Design Considerations for Canals & Canal Structures, USBR, by Rippon	Read pages 1 through 28: 10 Study Hours Request and complete Handout Exam.	Pages 1 - 28		
6. Aqueduct Operations	Instructor's Materials	<b>Classroom attendance at SJFD O&amp;M - Training Center Class #16 - 40 Hours</b>	Instructor Test		
7. Project Operations Control	Dynamics of Interconnected Power Systems-EPRI	Chapter 4: 2 Study Hours Request and complete Handout Exam.	Cha. 4		
8. System Operations Control	See Chief Operator	Assignment to the Project Operations Center-40 hours Request and complete Handout Exam.	Exam		

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SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
9. Project Operations Control	Dynamics of Interconnected Power Systems-EPRI	Chapter 5: 2 Study Hours Request and complete Handout Exam.	Cha. 5		
<del>10. System Operations Control</del>	<del>See Chief Operator</del>	<del>Assignment to the Project Operations Center 40 hours Request and complete Handout Exam.</del>	<del>Exam</del>		
11. Project Control and Power Contracts	Instructor's Materials	<b>Classroom attendance at SJFD O&amp;M - Training Center Class #19 - 40 Hours</b>	Instructor Test		
12. Print Reading	Plant Prints	Submit a folder showing all plant annunciation. Indicate each alarm by initializing device number and function, i.e.: pressure sw. (PS4). Include physical location and purpose of device.	Supervisor to Certify		
13. Relay Protection	Plant Prints	Submit a complete list of relay protection applied to a main unit. Indicate each cause and action to be taken.	Supervisor to Certify		
14. Introduction to AC/Refrigeration	TPC Training Systems #431 Air Conditioning & Refrigeration Systems Maintenance	Unit 431: 10 Study Hours Request and complete Handout Exam.	Unit 431		
15. 5th Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 5th-Six Month Final Exam	5th Six Month Final Exam		
16. 5th Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor	Supervisor Test		